

# Morgan Electro Ceramics

232 Forbes Road  
Bedford  
Ohio 44146-5418  
USA

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[www.morganelectroceramics.com](http://www.morganelectroceramics.com)

July 2, 2001

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ETS-UB  
AIR ENFORCEMENT BRANCH  
U.S. EPA, REGION 5

Mr. George Zerniak  
USEPA Region 5  
77 West Jackson Blvd. AE-17J  
Chicago, IL 60604-3507

SUBJECT: Bi-Annual Report for Halogenated Solvent Cleaning Machines

Dear Mr. Zerniak:

Enclosed please find the Annual Report for Halogenated Solvent Cleaning Machines subject to the Halogenated Solvent Cleaner NESHAP (40 CFR 63 Subpart T) at the Morgan Electro Ceramics, Bedford, Ohio facility.

Thank you for your consideration in this matter. If you have any questions regarding this correspondence, please contact me at (440) 232-8600.

Sincerely,



William J. Hocevar, P.E.  
Facility Manager

Enclosure

cc: Ed Fasko, Chief-Cleveland Air Pollution Control Division



## FACILITY INFORMATION

## SOLVENT MACHINE INFORMATION

**\* Calculation method and results are attached.**

**Date prepared:** July,02 2001

## HALOGENATED SOLVENT CLEANER NESHAP – ANNUAL REPORT

### FACILITY INFORMATION

<b>Company Name</b>	Morgan Electro Ceramics
<b>Mailing Address</b>	232 Forbes Road Bedford, Ohio 44146
<b>Equipment Location Address</b>	Same as mailing address.
<b>Ohio EPA Facility ID.</b>	13-18-03-1627

### SOLVENT MACHINE INFORMATION

<b>Ohio EPA ID</b>	<b>P009 -A</b>
<b>Description of source</b>	Solvent vapor degreaser using perchloroethylene
<b>Make/Model</b>	Baron Blakeslee / Model MLR-120
<b>Initial Startup date</b>	September 1, 1998
<b>Type of Machine</b>	Batch vapor
<b>Solvent/Air Interface Area</b>	2.32 (square ft)
<b>Machine Controls</b>	Freeboard Ratio 1.00 Freeboard refrigeration device Working-mode cover
<b>Method of Compliance</b>	Alternative standard 40 CFR 63.464
<b>Overall Average Monthly Consumption</b>	0.0 (lb. of solvent)
<b>3-Month Rolling Average Emission Estimates*</b>	0.00 (lb/month/sq. ft. surface area) <b>From:</b> 01/01/01; <b>To:</b> 03/31/01
<b>3-Month Rolling Average Emission Estimates*</b>	0.00 (lb/month/sq. ft. surface area) <b>From:</b> 04/01/01; <b>To:</b> 06/30/01

\* Calculation method and results are attached.

<b>Person preparing report:</b>	Hocevar	William	J.
	<i>Last Name</i>	<i>First Name</i>	<i>Middle Initial</i>
<b>Title:</b>	Facility Manager		
<b>Date prepared:</b>	July 2, 2001		

\* This degreaser is currently out-of-service

## HALOGENATED SOLVENT CLEANER NESHAP – ANNUAL REPORT

### FACILITY INFORMATION

<b>Company Name</b>	Morgan Electro Ceramics
<b>Mailing Address</b>	232 Forbes Road Bedford, Ohio 44146
<b>Equipment Location Address</b>	Same as mailing address.
<b>Ohio EPA Facility ID.</b>	13-18-03-1627

### SOLVENT MACHINE INFORMATION

<b>Ohio EPA ID</b>	<b>P009 -B</b>
<b>Description of source</b>	Solvent vapor degreaser using perchloroethylene
<b>Make/Model</b>	Baron Blakeslee / Model MLR-216
<b>Initial Startup date</b>	September 1, 1998
<b>Type of Machine</b>	Batch vapor
<b>Solvent/Air Interface Area</b>	4.31 (square ft)
<b>Machine Controls</b>	Freeboard Ratio 1.00 Freeboard refrigeration device Working-mode cover
<b>Method of Compliance</b>	Alternative standard 40 CFR 63.464
<b>Overall Average Monthly Consumption</b>	270.2 (lb. of solvent)
<b>3-Month Rolling Average Emission Estimates*</b>	7.3 (lb/month/sq. ft. surface area) <b>From:</b> 01/31/01; <b>To:</b> 03/31/01
<b>3-Month Rolling Average Emission Estimates*</b>	11.7 (lb/month/sq. ft. surface area) <b>From:</b> 04/01/01; <b>To:</b> 06/30/00

\* Calculation method and results are attached.

<b>Person preparing report:</b>	Hocevar	William	J.
	<i>Last Name</i>	<i>First Name</i>	<i>Middle Initial</i>
<b>Title:</b>	Facility Manager		
<b>Date prepared:</b>	July 2, 2001		

## HALOGENATED SOLVENT CLEANER NESHA<sup>®</sup> – ANNUAL REPORT

### FACILITY INFORMATION

<b>Company Name</b>	Morgan Electro Ceramics
<b>Mailing Address</b>	232 Forbes Road Bedford, Ohio 44146
<b>Equipment Location Address</b>	Same as mailing address.
<b>Ohio EPA Facility ID.</b>	13-18-03-1627

### SOLVENT MACHINE INFORMATION

<b>Ohio EPA ID</b>	P019
<b>Description of source</b>	Solvent vapor degreaser using perchloroethylene
<b>Make/Model</b>	Finishing Equipment, S/N 6342
<b>Initial Startup date</b>	August 1, 1999 (Replacement in kind of old machine)
<b>Type of Machine</b>	Batch vapor
<b>Solvent/Air Interface Area</b>	4.38 (square ft)
<b>Machine Controls</b>	Freeboard Ratio 1.00 Freeboard refrigeration device Working-mode cover
<b>Method of Compliance</b>	Alternative standard 40 CFR 63.464
<b>Overall Average Monthly Consumption</b>	63.0 (lb. of solvent)
<b>3-Month Rolling Average Emission Estimates*</b>	0.00 (lb/month/sq. ft. surface area) <b>From:</b> 01/01/01; <b>To:</b> 03/31/01
<b>3-Month Rolling Average Emission Estimates*</b>	3.1 (lb/month/sq. ft. surface area) <b>From:</b> 04/01/01; <b>To:</b> 06/30/01

\* Calculation method and results are attached.

<b>Person preparing report:</b>	Hocevar	William	J.
	<i>Last Name</i>	<i>First Name</i>	<i>Middle Initial</i>
<b>Title:</b>	Facility Manager		
<b>Date prepared:</b>	July 2, 2001		